

# Stream Insects and Crustaceans ID Card

Lines under picture indicate the relative size of organisms



**Aquatic Worm:**  
**Class Oligochaeta**

$\frac{1}{4}$ " – 2", can be very tiny;  
thin, wormlike body, tolerant of  
impairment



**Flat Worm:**

**Family Planariidae**

Up to  $\frac{1}{4}$ ", soft body,  
may have distinct head with  
eyespots, tolerant of impairment



**Leech:**

**Order Hirudinea**

$\frac{1}{4}$ " – 2", segmented body,  
suction cups on both ends,  
tolerant of impairment



**Crayfish: Order Decapoda**

Up to 6", 2 large claws, 8 legs, resembles  
a small lobster, somewhat tolerant of  
impairment



**Sowbug: Order Isopoda**

$\frac{1}{4}$ " –  $\frac{3}{4}$ ", gray oblong body wider  
than it is high, more than 6  
legs, long antennae, somewhat  
tolerant of impairment



**Scud: Order Amphipoda**

$\frac{1}{4}$ ", white to gray, body  
higher than it is wide,  
swims sideways, more than  
6 legs, resembles small  
shrimp, somewhat tolerant  
of impairment



**Stonefly: Order Plecoptera**

$\frac{1}{2}$ " – 1  $\frac{1}{2}$ ", 6 legs with hooked  
tips, antennae, 2 hair-like tails,  
no gills on abdomen, very  
intolerant of impairment



**Mayfly:**

**Order Ephemeroptera**

$\frac{1}{4}$ " – 1", plate-like or feathery gills  
on abdomen, 6 hooked legs, 2 or 3  
long hair-like tails, tails may be  
webbed together, very intolerant  
of impairment



**Dragonfly and Damselfly:**

**Order Odonata**

$\frac{1}{2}$ " – 2", large eyes, 6 hooked legs,  
large protruding lower jaw, 3  
broad oar-shaped tails OR wide  
oval to round abdomen, somewhat  
tolerant of impairment



**Hellgrammite, Fishfly, and Alderfly:**  
**Order Megaloptera**

$\frac{3}{4}$ " – 4", 6 legs, large pinching jaws, 8  
pairs of feelers along abdomen, 2 hooks  
on tail end OR 1 single spiky tail,  
somewhat tolerant of impairment



**Common Netspinners:**

**Family Hydropsychidae**

Up to  $\frac{3}{4}$ ", 6 hooked legs on  
upper 1/3 of body, 2 hooks at  
back end, underside of  
abdomen with white tufts of  
gills, somewhat tolerant of  
impairment



**Most Caddisfly:**

**Order Trichoptera**

Up to 1", 6 hooked legs on  
upper 1/3 of body, may be in  
stick, rock or leaf case, no  
gill tufts on abdomen,  
intolerant of impairment